

APPENDIX 1

ROBUST SUMMARY OF ACUTE MAMMALIAN TESTING COMPLETED ON 2-ETHYLHEXYL DIPHENYL PHOSPHATE

Acute Oral Toxicity

Test material:	2-Ethylhexyl diphenyl phosphate (Lot K-2014)
Type:	LD50
Species:	Rat
Strain:	Not Stated
Sex:	Male and female
Number of animals per dose level:	4 of each sex, weight range 140-300g
Administration:	Single dose, oral gavage undiluted
Observations:	Body weight prior to dosing and at day 15 post-dose Pharmacotoxic signs daily through day 15 post-dose Survival
Results:	Acute oral LD50 > 24g/Kg
Reliability:	Reliable with restrictions
GLP:	Work conducted prior to inception of GLP regulations
Reference:	Kettering Laboratory of Applied Physiology Report, "A Comparison of the Toxic Effects of Lot K-2014 Santicizer #141 With That of a Previously Tested Lot", University of Cincinnati, March, 1949, Author, R. A. Kehoe.

Test material: 2-Ethylhexyl diphenyl phosphate (Lot K-2014)

Type: LD50

Species: Rat

Strain: Not Stated

Sex: Female and male

Number of animals per dose level: 12, weight range 152-369g

Number of dose levels: Two, 5 and 10g/Kg

Administration: Twelve repeated doses - one dose daily for 12 consecutive days, oral gavage undiluted

Observations: Body weight prior to dosing and at day 17
Pharmacotoxic signs daily through day 17
Survival

Results: One animal in each dose group did not survive to the end of the dosing period. Pharmacotoxic signs included soft stools, hair loss and skin irritation around anogenital area (reversible following cessation of dosing). Dose-related weight loss of up to 24%. Weight gain occurred in 21/22 animals following cessation of dosing.

Reliability: Reliable with restrictions

GLP: Work conducted prior to inception of GLP regulations

Reference: Kettering Laboratory of Applied Physiology Report, "A Comparison of the Toxic Effects of Lot K-2014 Santicizer #141 With That of a Previously Tested Lot", University of Cincinnati, March, 1949, Author, R. A. Kehoe.